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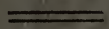
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BELOIT COLLEGE

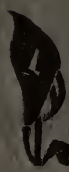


ANNUAL REPORTS

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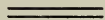
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BELOIT COLLEGE



ANNUAL REPORTS

1911-12



BELOIT, WISCONSIN

OCTOBER, 1912

President's Report

To the Board of Trustees of Beloit College:

The College year 1911-12, in contrast with the year which preceded it, has been happily free from unusual and difficult problems, and has been characterized by successful work in all departments.

TRUSTEES.

There have been no changes in the personnel of the Board of Trustees, and the College has been favored with the uninterrupted service of all of the members of the Board, upon whom in so great a degree the prosperity of the institution depends.

It is fitting that mention be made of the death of Rev. Henry P. Higley, D. D., for over a quarter of a century the beloved pastor of the Second Congregational Church of Beloit, and from 1874 to 1891 a Trustee of the College and Secretary of the Board. Dr. Higley's sterling manhood, his genial personality, his sound judgment and his devotion to Christian education are affectionately and gratefully remembered.

FACULTY.

With but one exception the entire Faculty have been present throughout the year, carrying on their work with enthusiasm and success.

Professor Jonathan Risser, after ten years of continuous and helpful service, first as instructor and later as Assistant Professor of Zoology, was given leave of absence for the first semester, which he spent in study at Harvard University. At the end of the semester he resigned his position at Beloit to continue advanced study, and the Trustees appointed as his successor Dr. B. W. Kunkel of the Sheffield Scientific School of Yale University.

As Dr. Kunkel was unable to leave Yale until the end of the academic year, instruction in the department was given for the second semester by Professor Samuel Guy Winter, formerly of the Illinois Wesleyan University. Professor Kunkel takes charge of our department of Zoology at the opening of the College year 1912-13.

Dr. Beverly Waugh Kunkel was graduated from the Sheffield Scientific School of Yale University with the degree of Ph. B. in 1901. He then became Assistant in the Sheffield Biological Laboratory of the same institution, continuing in that position until 1905. In addition to the assistantship in 1903-4 he was General Secretary of the Sheffield Christian Association. In 1905 he received the degree of Ph. D. from Yale University and became Instructor in Biology in the Sheffield Scientific School, which position he held until June, 1912. The college year of 1910-11 was spent in Freiburg in Baden, in the anatomical laboratory, in the study of the development of the skull under Professor Ernst Gaupp. He is a Fellow of the American Association for the Advancement of Science and member of the American Society of Zoologists.

Dr. Andrew Friedley McLeod, who has for two years done efficient work as Instructor in Chemistry, has been advanced to Assistant Professor of Physical Chemistry. Dr. McLeod has had unusual preparation for his work here. He graduated at the University of Chicago in 1903 with the degree of A. B. He took his doctorate in the same University in 1906 in Chemistry and Physics. Dr. McLeod was Instructor in Chemistry, University of Wisconsin, 1907-9; Assistant Professor of Biochemistry, Rush Medical College, 1909-10; did referee work for the Division of Agricultural Chemists, American Chemical Society, 1909; was Chemical Expert for the U. S. government in special

food investigations in charge of Professor J. H. Long at Northwestern Medical College, Chicago, 1910.

An important forward step has been taken by the appointment of Dr. E. A. Fath as Director of the Smith Observatory and Assistant Professor of Astronomy. Dr. Edward Arthur Fath graduated at Carleton College in 1902 with the degree of B. S. He was Instructor in Mathematics at Wilton College, Iowa, 1902-4, at Redfield College, South Dakota, 1904-5, and Instructor in Astronomy at the University of Illinois, 1905-6. He was Fellow in the Lick Observatory 1906-9. He received the degree of Ph. D. at the University of California 1909. He was Assistant Astronomer, Mt. Wilson Solar Observatory 1909-12. The coming of Dr. Fath to Beloit enables Professor Hamilton to realize his desire of devoting himself more exclusively to the growing work in Mathematics and Surveying, while Dr. Fath brings to the department of Astronomy the benefit of his fresh studies and large experience in the greatest observatories; and he will also co-operate with the department of Physics in the development of a wireless time service.

IMPROVEMENTS.

The laboratories in the departments of Botany and Zoology have been modified for greater convenience in use.

With the gift of the class of 1911 and generous co-operation of other Alumni, extensive changes have been made in the Athletic Field, increasing its area, laying out a cinder track, changing the position of the grand-stand, and giving separate locations to the football gridiron and the baseball diamond.

During the summer of 1912 broad concrete walks have been laid between Middle and North College and between Middle College and the Chapel, as well as on the east front of the Chapel and on College street north of the Chapel. These have

long been needed, and will contribute greatly to the well-being of the College.

As a graduation gift to Alma Mater, the class of 1912 has planned a beautifying of the surroundings of North College, including the planting of shrubbery and vines, which will be attractive in itself and may be the beginning of more extensive adornment of our College grounds.

The auditorium in Pearsons Hall has been lighted by electricity and made available for the use of the lantern. Auxiliary rooms in Middle College have been furnished to the departments of Philosophy and of German; an auxiliary recitation room fitted up for Modern languages in Scoville Hall, and rooms in the third story of the same building for a Psychological Laboratory.

" THE BELOIT CENTER ".

Special mention should be made of the courage and enterprise of the College Young Men's Christian Association in leading off in the spring in a movement to fit up the basement of North College as a Center of democratic student life. The entire college body responded heartily to their initiative, and the rooms were fitted up with much taste and it is expected will be an increasingly useful rallying point of undergraduate life.

In undertaking this enterprise it has been the expressed hope of the students that this would be but a stepping-stone toward a Student Union on a scale more commensurate with the needs of the modern college student.

LECTURES AND ADDRESSES.

The Convocation speaker at the opening of the college year was Professor Forest E. Calland. His subject, "Culture and Mental Efficiency," was treated in a forcible and attractive manner. On the Day of Prayer for Colleges an intellectually and spiritually stimulating address was given by President Ozora S.

Davis of the Chicago Theological Seminary. On Washington's Birthday a thoughtful patriotic address was given by Mr. Alexander E. Matheson of the class of 1890. The very interesting and able Phi Beta Kappa oration on Commencement day was by Professor John Merle Coulter of the University of Chicago.

The Beloit College Lecture Course was well sustained for the fourth season, with the following speakers and subjects: Professor Edward W. Clark of Rome, Italy, "Through Picturesque Sicily"; Mr. Henry J. Hadfield, "Rudyard Kipling, the Poet and Man"; Professor John Edwin Wells, "Literature and Life"; Mr. N. M. Brigham, "The Grand Canyon of Arizona"; Professor Karl Tinsley Waugh, "Psychology in the Professions"; Professor Edward A. Ross, "Sub-surface Tendencies in American Society".

The Schneider Lectures were given by Professor Caspar Rene Gregory of the University of Leipsig, Germany, who awakened much interest by his unique addresses on "Student Life in German Universities", "Social Movements in Germany", and "Afoot on Mount Sinai".

ENDOWMENTS AND GIFTS.

By bequest of Mrs. Ellen C. Sage the College has received the generous sum of \$50,000, designed by Mrs. Sage to endow a professorship in memory of her husband. The Trustees have set apart the professorship of English as the Rufus H. Sage foundation; they have transferred the Root endowment to the chair of Rhetoric, it having originally been given for the benefit of that chair.

The Rev. Dana Sherrill of the class of 1870 has bequeathed \$30,000 to the college for the establishment of several scholarships. This greatly prized endowment is subject to the life-interest of Mrs. Sherrill.

Mr. George H. Middlebrook has presented to the College a fine collection of American coins and fractional currency, which will be placed in the Library. Mr. George D. Fairfield has given to the French lecture room the framed pictures which adorn its walls. We are indebted to Mr. Frank G. Logan and Dr. Frank W. Gunsaulus for the choice Boydell-Bulmer folio volumes of Shakspearean engravings. Of the rich art collections and library bequeathed to Beloit by Mrs. Mary Ripley Goodwin of Boston, fuller mention will be made elsewhere.

THE HARVARD EXCHANGE PROFESSORSHIP.

The coming of Professor Albert Bushnell Hart of Harvard University, looked forward to with much interest, fully met the expectations which it had awakened. For the month of April Dr. Hart regarded himself as a member of the faculty of Beloit College, entering heartily into our work and showing himself a helpful friend in public and private relations. His vigorous personality made him a marked influence from the outset. His classroom exercises and his public addresses were all of them stimulating and instructive. He has inaugurated the Harvard professorship most successfully, and we have the pleasantest anticipations of the presence with us next year of Professor George H. Palmer, our second Harvard visitor.

THE SIXTY-FIFTH COMMENCEMENT.

This anniversary was the occasion of many pleasant class reunions, the most notable of which was the fiftieth anniversary of the class of 1862. At the time of its graduation this class numbered twice as many men as any that had preceded it, and its survivors entered with great enthusiasm into this reunion, adding much to the impressiveness of this Commencement. Two members of the class have been for many years Trustees of the College, Mr. Henry S. Osborne and Mr. Philo F. Pettibone.

Five fine portraits were added to the treasures of the Art Gallery. The subjects were Professor Alexander Kerr of Beloit's class of 1855, Professor of Greek in the University of Wisconsin; Dr. Arthur Smith and Dr. Henry D. Porter of the class of 1867, eminent as missionaries to China and as authors; Dr. James D. Eaton of the class of 1869, for thirty years a leader of missionary work in Mexico; and Mr. Lucius G. Fisher, son of a founder of Beloit College, an adopted member of the class of 1862, and the giver of our Fisher Collection of Greek Casts.

Through the gifts of many of the Alumni and some other friends of the College there was presented a marble bust of the President of the College, the work of the sculptor Lorado Taft, in commemoration of the completion of twenty-five years in the service of Beloit. The writer may be pardoned for expressing here his deep appreciation of the generous esteem which prompted this gift to the College.

THE FORWARD MOVEMENT.

The attention and interest of friends of Beloit may well be focused during the coming months upon the financial campaign which is now well inaugurated. The pledge of the General Education Board of New York to give the College \$100,000 on condition that we raise \$400,000 by December 31, 1913, is at once a challenge and an inspiration. While this is the heaviest burden Beloit has ever undertaken to lift, it indicates the judgment of sagacious observers as to Beloit's standing and needs, and what its friends may be trusted to accomplish in its behalf.

The canvass for this \$400,000 must be successfully completed by December 31, 1913; but payment of subscriptions may be divided into five annual installments, thus distributing the load over a period of five years, which will no doubt enable many friends to make larger gifts than would be possible if the whole were payable at once.

Of the \$400,000 which must be secured to meet the conditions of the General Education Board, \$125,000 may, if the donors desire, be devoted to new buildings and equipment. While the Trustees have voted to put all undesignated gifts into endowment, which is the fundamental requisite of a strong and developing institution, there are several buildings which are greatly needed and which would beautify and enrich the life of the College. Foremost among these may be mentioned an Art Hall and a Student's Union.

The old Art building is now crowded beyond endurance. The treasures which have just come to us from the estate of Mrs. Goodwin of Boston must be stored in boxes in another building for lack of room to bestow them. Valuable future gifts will wait upon the erection of a suitable fire-proof building. No other College in the interior states can compare with Beloit in richness of Art collections. What we have already attained in this respect merits appropriate housing, and our collections will soon be greatly augmented if what we now have can be properly cared for.

A Student's Union for our young men will give them the opportunity of a normal, modern, democratic student life, which will be an immeasurable gain for Beloit. This need has long been realized, and is now increasingly felt.

Other important needs are an Administration Building; a Gymnasium for the young women of the College, who are doing such fine work in physical training, although under limiting conditions; and additional steel stacks for the Library, which is almost desperately in need of more room for books.

The active interest of every graduate and friend of Beloit is bespoken in this crisis that is upon us. To fail in this effort would do discredit to all the struggles and achievements of sixty-five years, and would ominously check the progress which makes Beloit the College of our hearts and our hopes. We must not fail!

But to succeed in so large an undertaking—more than double any effort hitherto made—will require extraordinary devotion and courage. It will mean not only ourselves giving, in the true Beloit spirit, up to and even beyond our ability, but also our securing the interest of many new givers, who will catch our enthusiasm for Beloit and share with us in sacrifices to carry forward the work of the College.

The Trustees of the College, all of them, expect to have part in this undertaking. They have appointed from their own number, as a special Campaign Committee, Messrs. John E. Wilder, Chairman, C. B. Scoville, Judge N. C. Sears, C. H. Morse, Jr., C. S. Pellet and L. Hillis. As a Wisconsin Committee they have appointed Messrs. E. P. Bacon, N. P. Hulst, C. R. Smith, A. E. Matheson, A. P. Lovejoy and C. B. Salmon. They hope that the Alumni, both east and west, will organize committees to co-operate in every possible way during these exigent months that are before us.

Respectfully submitted,

EDWARD DWIGHT EATON,

President.

Report of the Dean.

To the Board of Trustees of Beloit College:

The year just closing has been, in the opinion of many, one of the most successful in the history of the College. The work of departments has been vigorous and well maintained throughout. More exacting scholarship has been insisted upon and obtained in spite of the many interruptions to scholarly work here at Beloit. The new men on the Faculty have taken hold of their duties with exceptional earnestness and effectiveness and they have already gained their place in the College life and work. Students have complained more or less about the stiffer requirements and lower marks but they have responded well on the whole to harder tasks.

The general direction of student scholarship is in the hands of class advisers. This system is not liked by many students and during the year the different groups in the College body have petitioned the Faculty for a group councillor system in place of the class advisers, believing that by this change the average scholarship of the groups would be raised. The Faculty, though appreciating their purpose in making the petition, felt obliged to deny it, though meeting it in part by allowing the Dean to meet each group once a month and give it the standing of its members. At the present writing the students have not stated whether this modification of their plan will prove acceptable or not.

There has been some agitation in the Faculty during the year relative to the large place which social duties have assumed in the student life. Some proposals have been made relative to a lessening of the number of such functions or of limiting the number of evenings per month on which they may be held; as yet no final action has been taken in these matters.

Definite steps have been taken to limit the number of activities into which a student may enter. The new plan will be under the charge of a committee consisting of two Faculty members and two student members. It is believed that this proposal will remedy an evil of long standing.

The increased cost of a college education begins to be remarked by students. Some members of one of Professor Crawford's classes have been canvassing the situation here at Beloit and a few extracts from their findings are here appended: "The expenses of the average Beloit student are exceptionally high this year.. . . The most careful students of the Junior and Senior classes have not been able to keep within one hundred dollars of the amounts stated in College publications as sufficient. . . . The increasing expenses are from three sources, viz.: 1. Social attractions. 2. Student body activities and appeals. 3. Faculty and College appeals for support and patronage. . . . These expenses are undesirable but certain forces social and patriotic impel students to accept them. . . . The students feel keenly that they have been called upon to give money for expenses that the College should assume." These extracts are here inserted because they indicate that expenses are increasing at Beloit and that students are becoming restive under the load. In spite of the increased cost of living here, the students have voted recently to petition the Faculty and the Board to increase the athletic fee four dollars per annum, beginning with the next college year.

The athletic committee needs more money and probably the best way out of the present difficulty is to grant the request of the students; at the same time it does not seem very business-like to allow the students to bolster up athletics in this way. If the Trustees decide to raise the fee it might be well to add another

two dollars for the employment of a college physician, an official much needed by the College.

There have been practically no cases of discipline during the year and the administrative work of the school has gone on smoothly for the most part.

The Musical Clubs made an extended trip to the Pacific coast this spring, upon the invitation of the Santa Fe Railway system. They made a most gratifying record and spread abroad the name and the fame of the College in a region where it is not so well known.

In general the student activities have gone on satisfactorily during the year, though there have been some notable reverses. Our students, however, take defeat in a more sportsmanlike way than formerly and this self-control is worth obtaining at any price.

The men of the school are very anxious to have a swimming-pool installed in their gymnasium. It would be a great help to have it and it is to be hoped that the Trustees may see their way clear to provide one soon. It hurts the pride of the students not only in the Gymnasium but in the College not to have this feature and it does not pay to have students feel that we are lacking in equipments that they regard as essential.

The most important student effort during the year has been the establishment of a Social Center in North College. The funds were raised among the students, Faculty, Alumni and Trustees of the College and a very inviting room has been equipped. It is hoped that it will bring students closer together and make their life here more democratic.

During the year the Rock River Valley Alumni Association has been organized. This is an association intended to bring the Alumni in the neighborhood of Beloit into closer relations and to keep them better posted on the affairs of the College.

The President's house has proved to be a very valuable ad-

dition to the college equipment this year, forming as it does a social headquarters for the College. The house has certainly justified the wisdom of the Trustees in erecting it.

This year the College Catalogue has been a great improvement over its predecessors in quality of paper, in general creditable appearance and make-up. It pays the College to send out attractive publications; any suggestion of cheapness results unfavorably to the College. This leads me to suggest that the College should have a much better grade of stationery, with engraved headings, rather than the inferior material that we are now using. Following up this same line it would help the College in the opinion of students, their parents and friends if we had better furnished and more attractive administrative offices. These offices now serve their purpose, but they are rather bare and uninviting. The appearance of offices makes an impression on all visitors and the College gains or loses their respect accordingly.

Four hundred and two students were enrolled 1911-12. Of this number 36 or 9 per cent dropped out during the year, two-thirds of whom were Freshmen. The reasons for leaving were as follows: poor scholarship, 22; lack of funds, 6; ill-health, 5; dissatisfaction, 3. Out of this total 32 were men and 4 young women. Ten students entered the College during the second semester, six of them coming from other institutions of learning.

Respectfully submitted,

GEORGE L. COLLIE,

Dean.

Report of the Dean of Women.

The number of young women enrolled during the year 1911-12 was 143, as against 155 of last year, divided as follows:

Seniors,	29.
Juniors,	24.
Sophomores,	44.
Freshmen,	46.

Of these, three because of illness, two because of failure in keeping up their work, and two because of change in their plans dropped out during the year. The Dean has tried to lay more emphasis during the year on the responsibility of each class in maintaining high scholarship and a spirit of co-operation with herself in all that interests the young women. To accomplish these results she has met the classes frequently in her rooms and has worked more largely through their class representatives than before. The plan has been a good one and will be used more extensively next year.

During the year three problems have been shaping themselves quite definitely that must be solved if we are to give our young women the best kind of training:

1. The housing of the Freshman girls.
2. The social life of the young women.
3. Needed courses for them in the upper college.

1. We need a dormitory for all the Freshman girls, for the plan of dividing them into two or more houses has not been satisfactory. A small class is split up into still smaller groups and cliques are all too pronounced.

2. The social condition is growing more alarming and more difficult of solution. The fact that among so few girls there should be sororities that divide the girls into artificial groups,

though these groups are not very pronounced at all times, and the fact that it is largely the sorority girls who have a part in the social life of the students and that the great majority of girls are without the social opportunities, is causing an ever-growing dissatisfaction among the girls and a reason for leaving at the end of their Sophomore or Freshman year. What can be done to change conditions it is hard to say, but that something ought to be done is all too evident.

3. The Dean is strongly convinced that the Faculty ought to offer to the young women of the Freshman class courses in personal hygiene and human physiology, and to the young women of the upper college a scientific and thorough course in household science. We are fitting the young men more or less by advanced work in physics and chemistry for their professions; we are doing little for the young women to fit them for their profession of home-making. Several young women are leaving us this June to get such courses, who would stay did we offer them as a part of our college course.

We have other needs, an infirmary for the young women where they can go for slight illnesses, for recuperation, with a competent nurse in charge; a separate gymnasium perfectly equipped, for our excellent physical instructor should have a better place to carry on her work.

At present the Trustees have all they can do, but when the endowment is raised we hope that some of these special needs for the young women may be met.

Respectfully submitted,

KATHRYN NEWELL ADAMS.

Report of the Departments.

ASTRONOMY AND THE OBSERVATORY.

(Professor Hamilton.)

Throughout the past year your Director has had charge of two sections of Freshman Mathematics, and has conducted a course in Descriptive Geometry. The latter has also been given in two sections, owing to the great difference in the ability and preparation of members of the class. During the first semester he also gave a seminar course in the applications of mathematics to the problems of physics and chemistry with a class of Seniors. This was succeeded in the second semester by an additional class of Seniors in Descriptive Geometry to accommodate certain ones who wish to take a course in an engineering school after graduation and who could not take the regular year course. In addition to the above the regular course in Elementary Astronomy was given to a class of thirty-two. In all about eighty-five students have been under the direct supervision of your Director during the year. The Mechanical Drawing taught under his supervision by Mr. Wharry enrolled in its two courses some fifteen students.

Owing to the pressure of the work of instruction as outlined above, it has not been found feasible to complete the adjustment of the large telescope since its remounting as mentioned in the last report. In its present state it has been sufficiently well adjusted for ordinary class instruction, but will require considerable attention before it is in shape for accurate work. The new base for the meridian transit spoken of in the last report has been ordered, but delivery by the makers has not yet been made.

Hitherto Surveying has been given in a year course in alternate years and comes regularly next year. There has, however, been a persistent demand for this work every year, as instanced by this last Fall when ten students petitioned for the same but could not be accommodated owing to lack of time. It seems wise to make preparation to offer this course every year and in future it is the purpose to work to this end.

The Surveying equipment is being further increased by a new Dumpy Level and a new Railroad Engineer's Transit. These

have not yet been delivered, although expected this spring, and will cost in the neighborhood of \$230.

The needs of the department have been mentioned in these reports from time to time. Those which still remain are as follows:

1. The Mechanical Drawing should be taught by a man on the regular staff who can give his attention to it in the daytime.

2. Astronomy should be separated from the Mathematics department to the end that the Observatory may be used more extensively and efficiently. This seems a very desirable thing to be attained in view of the large amount invested in the Observatory and equipment and also in view of the additional sums which have been given to the College by friends interested in it.

3. The development of the Mathematical and Astronomical departments in the last few years has been along such diverging lines that it would seem wise to enable the present Director to concentrate on fewer lines of instruction. To this end an additional man should be added to the department, preferably one who is a professional Astronomer.

BIBLICAL LITERATURE.

(Professor Deane.)

With the exception of changes to be noted below, the courses have covered the same ground as in the previous year.

The Freshman course in Biblical Introduction has been altered in the second semester. The history of the transmission of the Bible, which formerly occupied nearly the whole semester, is now given in outline in the first two months. The rest of the semester is devoted to a consideration of the literary values of the Bible, with a study of selections representing different types of literature. The result of this change in the Freshman course encourages me to lay greater stress on this phase in all courses. It would be better if this course could be given twice a week for one semester, instead of once a week throughout the year. More ground could be covered in the same number of class exercises, and more permanent results would be secured through greater continuity.

The second semester of the course on Old Testament Litera-

ture and History has been limited to a study of prophetism and the prophets. The wisdom literature and lyric poetry formerly included in this course will hereafter be presented in a one-hour supplementary course running through the year.

The courses in Religious History have not been given.

In March I attended the annual convention of the Religious Education Association at St. Louis. The subject of the convention was "The Training of Religious Leaders". Representatives of our foremost colleges and universities throughout the country took part in the discussions. It is increasingly clear that our colleges are expected to provide for the churches professional and lay workers in the field of religious education. In the course of the year I have had several opportunities to nominate men for such service at home and abroad. With her traditions and equipment Beloit should meet this demand. We may well invite students to come to us with this work in view, and encourage our present students to equip themselves at least for voluntary service in this line. A minor in Religious Education is offered for next year, including courses in Biblical Literature, Psychology and Pedagogy. A major of like character should be presented another year.

BIOLOGY.

(Professor Densmore.)

Owing to the absence last year of the regular instructor in Zoology the report of the departments of Botany and Zoology will be presented under the above title of Biology.

During the first semester no work was offered in Zoology owing to the absence of Professor Jonathan Risser, who was granted leave of absence by the Trustees to take up research work in Harvard University.

For the second semester the College was fortunate in securing the services of a man of experience, Mr. Samuel G. Winter, who gave the regular courses in Animal Biology and Zoology. Although the department of Biology as a whole has suffered somewhat by the discontinuance of Zoology during the first semester, the year has nevertheless been a successful one.

Ninety-two students registered for General Biology in the fall

and about that number continued throughout the year. In Botany the marked increase in numbers occurred in the course in Plant Physiology which was elected this year by twenty-seven students including Sophomores, Juniors and Seniors. This increase was in part due to the fact that the Plant Physiology course was opened this year for the first time to Sophomores with the thought that a course of such general interest and value should be placed in the curriculum where it could be elected without too much preliminary work. With the increase in the number of students in the course the original size of the laboratory was found to be inadequate and a considerable addition was made from an adjoining room, which will add materially to the usefulness of the laboratory in the future.

Mr. George Haines, who has ably assisted in Biology and Botany for the past three years, was called West by the illness of his mother and sister and was necessarily absent from the department during the second semester. His place was taken by Mr. W. E. Stone, a Senior, who is to be commended for the excellence and faithfulness of his work. Both Mr. Haines and Miss Huschka will return next fall as assistants.

The department has some plans for the adjustment and correlation of courses in Botany and Zoology for the general student which it hopes to realize in the near future. These plans will be worked out in conjunction with Dr. Kunkel, who will take up the work in Zoology at the opening of the next college year. Dr. Kunkel comes very highly recommended both for scholarship and ability as a teacher and we have every reason to expect that the work of the two departments of Botany and Zoology will receive a fresh impetus by the addition of a strong man to its staff.

CHEMISTRY.

(Professor E. G. Smith.)

In general the work has followed closely the scheduled studies, the several courses having been given by lecture, recitation or laboratory work as each particular course demanded. In all we have had 172 elections of the courses offered, mostly year-courses, some of the students electing more than one course.

The elections have been distributed as follows: General Chemistry, 91; Qualitative Analysis, 33; Quantitative Analysis, 13; Organic Chemistry, 16; Physical Chemistry, 6; Sanitary Chemistry, 6; Electro Chemistry, 6; Special Problems, 1.

During the year we have had as Instructor in Chemistry Dr. Andrew F. McLeod. It is a matter of much satisfaction that at Commencement he was appointed Assistant Professor of Physical Chemistry. A man grows more valuable to the College with each year of service, and Dr. McLeod has proved his wide knowledge of the science of Chemistry and developed increasing power in dealing with classes. The establishment of this assistant professorship is of some significance to the department and the College, as the most important advances in Chemistry, and possibly in the wider range of the Physical Sciences, during the past ten years have been along this line. The principal development of the department in the immediate future will be through the extension of these courses offered in Physical Chemistry.

Mr. Hilmar Koefod, after a year of service as assistant in the laboratories, leaves to enter upon the study of Medicine at Harvard University. We are sorry to lose him as he has proved so helpful to both teachers and students in carrying on the laboratory courses. Mr. Royal R. Hinckley of the class of 1912 has been appointed to succeed him.

The laboratory is in fairly good condition considering the hard usage it gets. Our laboratories are too small for the classes, but by forming divisions we can accommodate them. One of the laboratories has had three different divisions using it; such continued use wears them badly and it will be necessary to overhaul them during the summer to put them in suitable condition for next year. The ventilating system introduced two years ago works satisfactorily and today is in as good condition as when installed; with the congestion of the laboratories we could hardly get on without it. When in operation one would not know there was a chemical laboratory in the building, so well does it carry away all vapors; such complaints as come to us arise from students using the laboratories without starting the ventilating fans.

The expenses of the laboratory have been kept within the

income from fees; several new pieces of apparatus have been purchased for permanent equipment and other pieces will be added during the coming year. We are in special need of some of the larger pieces for the work in Physical Chemistry, but these are generally expensive and such additions can be made but slowly.

ECONOMICS.

(Professor Chapin.)

The department of Economics has enjoyed an uneventfully prosperous year. The interest of the students in the courses offered has been manifested in a generous number of elections and a reasonable degree of attention to the work required by the instructor. The elementary course has been conducted as a continuous year-course, with results on the whole justifying the change from the previous plan of dividing the year between a semester of economic history and a semester of elementary economics. The eighty students in this course have been handled in two divisions, which were too large for the best results. But to add another division would limit still further the scope and value of the upper-class courses, which ought to receive more of the instructor's time and attention rather than less, if Beloit is to meet the requirements of the present day, and if she is to hold students through the Junior and Senior years.

In common with the five other departments located in North College, Economics has suffered from lack of space and air. The building was constructed and for fifty years used as a dormitory, with accommodations for twenty-four men. For that number of persons the halls and stairways are ample, but they are alarmingly crowded when two hundred students are passing in and out of the building at the stroke of the bell. In the matter of ventilation the difficulties are serious. The class-rooms are ten feet high, and contain 7,200 cubic feet of air-space, as compared with 12,000 cubic feet in the double rooms in Middle College, and 14,000 in the lecture-rooms in Pearsons Hall. To meet the requirements of forty persons assembled in one of the North College rooms the air should be changed entirely every four minutes—a

manifest impossibility without forced draft. A count of the registration of students in the several departments for the first semester showed that there were 785 registrations for courses given in North College, as compared with 632 for courses given in Middle College, and 456 for courses given in Pearsons Hall. This means that many more students attend classes in North College, the smallest and least well-equipped building used for class-rooms, than in any other structure on the Campus. Some relief from this congestion, let us hope, can be included in the plans for the new era of enlargement on which the College is entering.

ENGLISH LITERATURE.

(Professor Wells.)

The work in the Department of English Literature at present is so arranged and conducted as to give students opportunity to gain a comprehensive knowledge of the development of the English Language; to study the history of the development of English Literature in general; and, as thoroughly as is possible in a college course, to cover much of the Literature by study in detail of the more notable writings and characteristics of prominent periods. All the instruction aims not to have the student learn about literary personages and pieces of literature, but to study the works themselves for themselves. It seeks at all times to make evident Literature as the most comprehensive and adequate reflection of life, and to win to a cherishing of it for its own light and for its inspiration and support in immediate daily conduct. With this is carried the purpose of forming in the student a standard of judgment, and of consistently impressing upon him methods of literary study and critical attitudes, that he may apply in his reading and that he may develop.

With these ends in view, the course for Freshmen, required of all who wish to enter the upper courses, is no longer a survey or outline course in the history of English Literature. It is devoted to the careful study of selected notable pieces of literature to arouse to recognition of the vital worth and interest of literature; to familiarize with the matter and the form of certain representative and influential works; and to acquaint with the chief

characteristics of greater classes of literature. It proceeds from Drama to Narrative Poetry, to Lyrical Poetry, to Modern Prose. The course in Shakespeare is offered annually to Sophomores for two semesters. By alternation from year to year are offered semester courses in Old English, Middle English, English Literature 1579-1603, English Literature 1603-1674, English Literature of the Eighteenth Century, English Poetry 1798-1832, Victorian Prose, and the English Novel; and year courses in both Victorian Poetry and American Literature. Especially for students majoring in the Department are offered semester courses in the Elements of Literary Criticism to give a larger view of the principles of literature than is obtained in isolated courses; in the study of Special Topics to train in individual study; in the Teaching of English to prepare prospective teachers for the Public Schools. When the last class that has pursued the former course in the history of English Literature has been graduated, it is purposed to offer a semester course in the general history for upper-classmen.

The work for 1911-12* proceeded with gratifying smoothness. The course in literature for Freshmen was taught throughout the year in four sections, two by Mr. Merriam, and one each by Assistant Professor Clancy and Miss Adams. For Sophomores Professor Wells conducted throughout the year two sections in *Shakespeare*. During the first semester sections were taught in *Tennyson* by Professor Wells, in the *English Novel* by Miss Adams, in *Elizabethan Poetry* by Mr. Merriam. In the second semester were taught sections in *Browning* and in *Chaucer* by Professor Wells, in *English Romanticism* by Miss Adams, and a *Teachers' Training Course* by Mr. Merriam. In the first semester Professor Wells taught one section of Freshman Rhetoric.

The English Club was carried on most successfully, the subject of study being *Modern Drama*. At each meeting an act of the play under discussion, was presented. The membership was large and the attendance steady. Enthusiasm is expressed for the theme for 1912-13, *Nineteenth Century Romantic and Idealistic Drama*, which will be dealt with much as was that for 1911-12.

The Shakespeare Society conducted its admirable work with constant devotion that culminated in the production of *As You Like It*. The two performances of the play showed a sympathy of conception and a finish that for amateurs are extraordinary. The high quality of the work of this society is an honor to the young women who participate and is one of the highest and finest achievements of the student community.

In the spring and summer of this year eleven students majoring in English were located in desirable teaching positions in High Schools of good standing.

During the year Mr. Merriam contributed an article to the *Educational Review*, Professor Wells, notes and articles to *Anglia*, the *New York Nation*, the *Publications of the Modern Language Association*, the *Journal of English and Germanic Philology*, *Modern Language Notes*, and the *Modern Language Review*.

Attention is asked to the fact that the Department is practically without illustrative material beyond the books in the library. There is great and immediate need for lantern slides and pictures and maps.

GEOLOGY.

(Professor Collie.)

The department has had 51 students enrolled during the year. The standard beginning courses have been offered, including a new course termed Applied Physiography, which deals with the influence of his surroundings upon Man, his life and occupations.

Geology has received a great impetus through the labors of Mr. I. M. Buell, who as Curator of the Geological Collections, has arranged them in cases. He has also spent an immense amount of time in preparing them for exhibition, naming and labeling them. The College owns an exceptionally fine working collection of fossils and for the first time they have all been brought together in one exhibit.

As Mr. F. G. Logan has done a great deal in providing funds for securing the collections, and in housing them, I believe it would be a graceful thing on the part of the Trustees to include the Geological collection under the general title of "The Logan Museums".

It is proposed to make use of these collections, and hereafter a course in Palæontology will be offered by Mr. Buell as a part of the general course in Geology.

The department is well equipped with books, maps, specimens, lantern slides, etc., with which to carry on its work.

The room now used by Dr. Waugh for a Psychological laboratory is much needed by the Department of Geology. As the room originally belonged to it, the Trustees are asked to provide Dr. Waugh with other quarters, if possible, so that the department may come again into its own. The head of the department has given a number of public lectures in various parts of the state during the year and has also prepared three articles for publication in the "Bulletin of the Geological Society of America," the "Bulletin of the Geographical Society of America," and in the "Country Gentleman".

GERMAN.

(Professor Dubee.)

During the past school year 234 students were enrolled in the Department of German in Beloit College, distributed as follows: 116 students in courses for Freshmen; 56 students in courses for Sophomores, and 62 students in courses for Juniors and Seniors.

The number of students who enter College without adequate training in foreign language is comparatively large, and affects the German Department, especially in German 1 (Beginning German). The elections of this course grow from year to year, and, if the demand continues to increase, this course will have to be given in two sections during the coming year. The necessity for such change becomes apparent by the large percentage of failures in this course during the past year (30 per cent failed in a class of 31). It is very difficult for the instructor to handle more than twenty students in a course of this kind.

There is a constantly growing interest in the more advanced courses, as shown by the fact that about 60 per cent of the Senior class were enrolled in German courses during the second semester, and 15 members of the same class secured positions as teachers of German in High Schools.

The Department is in great need of additional class-room facilities and more illustrative material: maps, pictures, books, and magazines.

GREEK LITERATURE AND ART.

(Professor Wright.)

During the year only seven students have studied the *Greek Language*, but the work of these has been exceptionally good and promising. In the course in *Classic Art* there have been between forty and fifty students each semester; in *Greek Literature in English* about seventy students; and eighteen elected a one-semester course in Greek History.

If the Trustees should decide to re-equip the auditorium of Science Hall it is hoped that this spacious room may be allotted to the Department of Greek Literature and Art on certain days of each week for illustrated lectures. The lanterns recently procured will be a valuable adjunct in this work. In this connection it may be proper to say that an annual appropriation of even so small an amount as twenty dollars would greatly enrich, in the course of a few years, the collection of slides available for the illustration of art lectures.

The funds thoughtfully appropriated by the Trustees during recent years for books to be added to the library in the departments of Classics and Art have been wisely expended by the Library Committee in such a way as to greatly increase the efficiency of the departments. Moneys from the Greek Play fund of 1911 have been expended for maps that were much needed.

HISTORY.

(Professor Richardson.)

The year 1911-12 saw the teaching force of the Department restored to its normal condition after two years of irregularity, both of the regular Professors of History being continuously in residence.

The two notable advances of the year were: first, the assuring of permanent secretarial assistance to this, in common with

other departments, and, second, the introduction of consecutive Freshman courses in Greek and Roman History, taught by Professors Wright and Calland. These courses were introduced in part to benefit the classical department, but chiefly to lessen the size of the class in Mediæval History. As was perhaps natural the first year, these classes consisted preponderantly of upper classmen. The Ancient History, with its attendant problems is, on the whole, still in its experimental stage.

An article by Professor Way appeared in the Proceedings of the Mississippi Valley Historical Association for the year 1910-1911, published in 1912, entitled "The Mississippi Valley and Internal Improvements 1825-1840". This article is a compendious, but comprehensive study of the economic conditions and politics underlying the development of water communications during that epoch, of the growth of railroad predominance at the end of the period, and of the unhappy results of the former movement to the present time.

The History and Political Science Departments were felicitous in being first in the College to enjoy the benefit of the Harvard Exchange Professorship. Professor Hart proved an admirable path-breaker, and his forceful personality and friendliness, both in and out of student circles, will doubtless prove greatly to have promoted the successful outcome of this important experiment.



LATIN.

(Professor Calland.)

During the first semester of 1911-12, 85 students were enrolled in the Latin department, 115 during the second semester, an average of 100 for the year.

In addition to the usual courses given every year, a new second semester course in Roman History was offered for the first time by the department of Latin. The result was very satisfactory, both as regards the number of students who elected the course, and also the amount and quality of work done. The class of forty-two, including students from all four college classes, showed immediate and well sustained interest throughout the

semester. The class-room work consisted of short daily oral and written tests covering assignments in text-books and other reference readings, and lectures on essential points in outline form. Emphasis was laid on the growth of Rome's military system and conquest of the ancient world, her provincial administration, her literature and art, the economic causes which undermined the Republic, the reception of Christianity, the greatness and decline of the Empire down to the fifth century A. D.

This course, to be given every year, will materially strengthen the work of the Latin department. It is easily combined with the course in Greek History, or the course in Roman Antiquities, both of which are given during the first semester every year, and thus enables students without training in Greek or Latin to become acquainted with the life and achievements of ancient Greece and Rome, and to gain some appreciation of their all-important contributions to modern times.

Within another year or two, the Latin department, along with other departments, hopes to receive from a share of the profits from the Campus Book Store which is now under college management, some financial aid for the purchase of greatly needed material equipment. Meanwhile the department needs to receive its proportionate share of departmental appropriations from the general funds of the College.



MATHEMATICS.

(Professor T. A. Smith.)

The work of the year in this department was so little different from that of the previous year that no extended report is needed.

I have had charge of my usual work, viz.: two sections of Freshman Mathematics and classes in Analytic Geometry and Calculus, in Integral Calculus and Differential Equations, and in History of Mathematics, and have secured fairly good results, though I do not think that there was manifest quite the enthusiasm of the previous year.

For the past few years we find our students on entering quite unequal in their preparations in Mathematics, due to the fact that some High Schools do not require Solid and Spherical Geometry

and some give but a single year to Algebra, which is short of our standard of preparation. To meet this condition we have introduced what may be called two new courses of four hours each week, one designed for those who have not completed Solid and Spherical Geometry and one for those who have had but one year in Algebra.

In addition we offer the usual three-hour course to those whose preparation is complete. We hope that by the end of Freshman year, all will be practically on the same footing as regards preparation for Advanced Mathematics.

The number electing Analytics and Calculus last year was somewhat greater than for several previous years, and the same is true for the coming year.

I look forward to the work of the coming year with peculiar feelings of interest due to a cause which will be apparent by the end of the year.

PEDAGOGY.

(Professor Burr.)

The work in the Department of Pedagogy and in the Freshman Elementary Latin has not differed much from that of the previous year except that the classes have been somewhat larger. The number electing Pedagogy 1, Applied Psychology, the first Semester was twenty-nine. This was a strong class and it was heard in two divisions for the most of the course. The number in Pedagogy 4, History of Education, was eight.

In the second semester the class in Pedagogy 2, Methods and Organization, numbered thirty-five. This comprised one-half of the Senior class. The work was done in two divisions and was more satisfactory than usual.

The head of the department, as Chairman of the Committee on Appointments, has given much time to placing the members of the Senior class and the Alumni as teachers. Some thirty members of the Senior class received their appointments before Commencement, and all but three or four of those desiring to teach are placed.

An effort has also been made to advance the Alumni, who

have done well, to larger fields of service. Ten or more of the Alumni have been so advanced or placed in new fields. Their letters have expressed their warm gratitude to the College for this service. There is some thought of enlarging the work for the Alumni, and asking a fee of \$5.00 when an advancement is made through the service of the Committee. This will provide for a larger use of long distance telephone calls, and more letters. The efficiency of this work this year has depended much upon the helpful service of Miss Fluekiger, the Recorder's Assistant.

An attempt was made by the Committee on Appointments to assist others than those going into the teaching profession, but it was found when face to face with the persons seeking help that their problem was not to find a place to serve, but to decide which calling they would enter. Such help takes time and consideration and needs to be given earlier in the course than the last half of the last semester. The Committee hope to take up that problem next Fall.

The class in Elementary Latin started with twelve members. At the close of the year there were six.

There was no class in Moral and Religious Education.

PHILOSOPHY AND PSYCHOLOGY.

(Professor Waugh.)

The past two years have shown a steady increase in enrollment in the departments of Philosophy and Psychology.

During the year 1911-12 there were 167 elections, an increase of 24 per cent over the preceding year, when the number of elections was 135.

The plan of giving the elementary Psychology both semesters, which was recommended in our last report, was followed, with excellent results. Sophomores may not elect Psychology now until the second semester, while upper classmen may elect it for either semester. This ruling not only insures a more adequate degree of preparation for the course on the part of Sophomores but also relieves some of the congestion in the schedule.

Seven upper class students took the laboratory course in ex-

perimental Psychology. Two of these, who had had one course in the laboratory, engaged in advanced work.

The department conducted an investigation on the subject of Mental Tests for College Freshmen. Seven tests were selected or devised which should measure the degree of concentration of attention, tenacity of memory, quickness of association of ideas, ingenuity, rate of learning, steadiness, and range of information. These tests were applied during the second semester to each member of the Freshman class and the rankings in the tests were then correlated with the class standings. The work forms the beginning of a study which, it is hoped, will be of practical value in getting at the mental peculiarities, whether endowments or shortcomings, of the entering classes of Beloit College and may serve to direct them in those lines of study which are best suited to their individual needs. We expect to publish during the year a more complete report of this investigation.

Seventeen students elected the courses in the History of Philosophy. Of these fourteen were Seniors and three Juniors.

The Philosophical Club chose for the general subject of the year, the practical and ethical side of the philosophers whose speculative works were studied during the course in the History of Philosophy.

We are much gratified to learn that the long felt need of an increase in the philosophical staff is to be met in the not very distant future by the promised additional instructor.

At present there is an urgent need for more commodious quarters; first, for a room for philosophical seminary, where library facilities can be enjoyed, and second, for larger quarters for the laboratory, now filled to the limit of its capacity.

PHYSICS.

(Professor Culver.)

During the second semester of the current year a course in Advanced Physical Measurements was added to the courses previously offered by the Department.

In the capacity of Laboratory Assistant, Mr. Harold Wolcott

has rendered efficient service, thus relieving the writer from a large amount of manual work.

During the first semester a paper was published setting forth the results of certain research work in the field of electric waves. The experimental part of this work was carried out during several previous summer vacations. Further investigation is in progress.

The question of a Radiotelegraphic Time Service has been further canvassed by Dr. Hamilton and the writer with encouraging results. Wherever the proposition has been discussed it has been favorably received. A manufacturing firm of this city has offered to contribute \$100 toward the purchase of the necessary equipment. There is reason to believe that other manufacturers here and elsewhere will feel disposed to assist in the enterprise. However, it would appear wise to put the project into operation and thus prove its utility before approaching other commercial organizations for funds. Such a plan would necessitate an initial outlay by the College of from \$350 to \$400. It seems probable, however, that in the course of one or two years this sum could be made up by those who might receive direct commercial advantages from the service. It might possibly be a more equitable plan to put such a service to commercial concerns on a strict remuneration basis.

The addition of another member to the mathematical staff for next year removes the observational difficulties which previously obtained with respect to this project. The only remaining obstacle is the matter of certain additional equipment, as indicated in our last report and referred to above.

POLITICAL SCIENCE.

(Professor Way.)

The year has been a most successful one. The presence of Professor Albert Bushnell Hart of Harvard during the month of April, intensified an already strong interest among the upper classmen in American History and Government. Dr. Hart expressed entire satisfaction with the work of the students in his courses. Conducting his American History courses upon the same lines as he does in Harvard he found our students maintained a

higher grade of excellence in the work than the students in Harvard. His popular lectures in American History drew enlarging audiences, closing with a most gratifying general approbation.

Professor Hart was emphatic in his insistence that the library should be opened until ten o'clock each evening. Repeatedly have the students and the professors of several departments requested this arrangement. Dr. Hart felt with us that not until such privilege is granted will the students in this and allied departments ever reach their highest efficiency.

A most gratifying increase of interest in Political Science has been shown. The introductory courses enrolled double the number of students of any previous year while the advanced courses were well attended by a strong and better prepared group of students.

The broadening interests of our students are continually demanding the inclusion in our work of new courses in Contemporary International Politics, Administrative Law and the Principles of Legislation and Legislative Methods which the small number of instructors in the department alone prevents. The experience which will come to Judge Rosa from his work as legislator at Madison might be very properly utilized by his giving a course to Seniors in Legislatures and Legislative Methods, thus connecting our students more closely with the real workings and live questions under consideration before the Wisconsin legislature.

This department has its annual request for larger book-fund allowance. In no other way can we begin to secure for the library a small proportion of the annual publications.

The department is doing a reasonable amount of extension lecturing next year. The writer will give his fourth series of ten lectures to the Janesville Woman's History Club, upon The Trans-Mississippi West, while he will give a course of six lectures on The South to the Twentieth Century Hickory Club of the same city.

The allied departments of Economics, History and Political Science with their large classes need to be housed in a modern recitation building with appropriate office for common use, large lecture room and stereopticon for illustrative work.

RHETORIC.

(Assistant Professor Clancy.)

The Rhetoric department during the past year has sought to meet the problem which our colleges are of necessity coming to regard with great seriousness and one which many frankly admit they have not yet solved, namely, how to train the students that flock each year to the Freshman classes, to write English *naturally, correctly, and effectively*. These students come with a great diversity of ability and training, and yet each one before he leaves College must acquire some power of expression. The department this year has made a careful study of the situation and has been in consultation by correspondence with the Rhetoric departments in at least twenty of our leading colleges. On the basis of this investigation the work of the Freshman year has been definitely mapped out. Success, we believe, rests chiefly upon a pretty definite and thorough classroom drill in the fundamentals of written expression, a careful correction of the students' themes, frequent conferences by the instructor with the individual student, a stimulation of thought as a pre-requisite of expression, and, by no means least, a special class-section to furnish required *additional* training for students noticeably deficient. In this work of the Freshman year it is a pleasure to recognize the very helpful cooperation of Professor Wells, and the able and conscientious service of Mr. Merriam and Miss Adams.

The semester course in Advanced Composition, building upon the foundation work of the Freshman year, aims to develop the elements of style and individuality in written expression. The work of this class during the past year has been particularly gratifying to the instructor. The students showed considerable enthusiasm in the performance of the tasks laid upon them, and their written work, taking the class as a whole, was of a comparatively high order.

The course in Journalism was given during the second semester. Though it is an obvious impossibility to develop a journalist merely from class-room training, it is equally true that information and practice can be gained in this way that will prove of great value to the prospective newspaper man and even to those who do not intend to enter actual journalistic work. Eight members of

the class have been young women. During the latter part of the semester the class undertook the editing of a daily college paper, "The Beloit Record", written in long hand, and placed in the library at two o'clock each afternoon. In this way the students were compelled to meet the problems of editors, reporters, and even cartoonists. The class also edited one number of the college "Round Table". During the past summer the instructor has had the advantage of personal consultation in regard to the work with Mr. Talcott Williams, the head of the new school of Journalism at Columbia University.

It is the hope of the Rhetoric department that in the coming year a course in Narrative Writing with special attention to the Short Story, may be offered. A commendable degree of interest has been shown in this line of writing, an interest which has been further stimulated by the generous offer by Dr. Charles F. Read, of the class of 1898, of a prize of \$25.00 for the best short story.

ROMANCE LANGUAGES.

(Assistant Professor Young.)

During the year 1911-12 classes were carried on in first year French, three sections; second year French, two sections; a general survey of French Literature, French Conversation, first year Spanish, and second year Spanish. Of these twenty-seven hours of instruction twelve were given by Mr. Horst, who has proved a most satisfactory instructor. There was a decrease in the total number of students as compared to the number in 1910-11, but as this decrease corresponded to the decrease in the Freshman class it was to be expected. The number electing work in the courses beyond the first year French was larger than before.

It is most fitting to acknowledge here the generous and thoughtful gift by Mr. Fairfield of the pictures of foreign scenes which adorn the walls of the French room in North College. These were the personal property of Mr. Fairfield, and he presented them through the class of 1913 to the department he loved and served so well.

For 1912-13 elementary Italian will be offered in place of

elementary Spanish. If there is not sufficient call for the class in second year Spanish, it may be possible to arrange for an advanced course in French Conversation, as many members of the elementary course in conversation have expressed a desire to continue the subject.

THE ART HALL.

(Mrs. Joseph Emerson, Curator.)

Since the last annual report the art collections have been greatly enriched by the addition of six portraits of the College Alumni, viz.: that of Dr. Alexander Kerr, class of 1855, for over forty continuous years the head of the Greek department of University of Wisconsin; Mr. L. G. Fisher, class of 1862, the donor of the Greek casts; Dr. Henry D. Porter, class of 1867, Dr. Arthur H. Smith of the same class, both eminent missionaries to China for more than forty years; Dr. James D. Eaton, class of 1869, who has worked successfully for over thirty years in Mexico, and Dr. Thomas D. Christie, class of 1871, Founder and President of St. Paul's College, Tarsus, Turkey in Asia. The cast of an angel, from the Chapman Memorial, Forest Home Cemetery, Milwaukee, by Daniel C. French, was presented by Mrs. Joseph Emerson and her classmates. A marine painting, "Sunrise on Lake Michigan," by Charles Hallberg, and a beautiful oil by Miss Clara Kretzinger of Chicago and Paris, entitled "After Tea", were appropriately presented, with the portraits at the Art Hall to an appreciative audience June 17, 1912.

Later in the afternoon a marble bust of President Eaton, class of 1872, by Mr. Lorado Taft, was unveiled in the College Chapel, as the gift of Alumni and friends, in recognition of twenty-five years of devoted service as President of Beloit College. It rests in the Art Hall upon a beautiful and enduring pedestal of Wisconsin mahogany granite and bears a finely inscribed brass tablet, surrounded by a wreath of laurel.

Mr. J. H. Moore, an honored trustee of the College, presided happily. Addresses were given by Dr. Frank Gates of Constantinople, class of 1877; President L. E. Holden, class of 1888, and President J. A. Blaisdell, class of 1889. Poems

written for the occasion by Dr. Henry Burton, class of 1862, and by Dr. S. T. Kidder, class of 1873, were read. Classical music was finely sung by Mr. Earle A. Cleveland, class of 1901, thus representing twelve Alumni from ten different classes, and covering a period of college life of more than forty-five years. The occasion was a notable one, fittingly and impressively observed.

As the Curator's time and strength was largely engaged through the year in the above work, that of the Art Hall was not carried on as largely as in some former years, but much work was done on the re-arranging and cataloguing of the 20,000 photographs of the collection, as well as in other directions.

At the beginning of the college year 1912-13, "The Mary Ripley Collection", as it is to be known, was received. At the present writing most of it is stored, unopened for lack of room to unpack and display it. The Curator received into the already over-crowded Art Hall, the collection of books, photographs and 2,000 lantern slides, of China, India and Ceylon, the latter accompanied by a large stereopticon. The twenty-seven large boxes of books have been unpacked and an attempt is being made at classifying and listing them, preparatory to their being catalogued. Their approximate number is now 2,500, and they are to be kept intact in the Art Hall. Their financial and other value cannot now be estimated. They have evidently been gathered by one who had large means at her disposal, extensive travel, rare judgment and discriminating taste in selecting the best books. Many of them are limited editions of rare works, beautifully bound and finely illustrated. The photographs are multitudinous—very interesting and beautiful, many of them colored and illustrating as the books represent, the history, life, customs and art of all civilized lands, and of the islands of the sea. Their total number is not now known, but those of India alone reach nearly 1,000. So far as present knowledge of the collection exists it promises to be one of great value to the College; a generous and timely gift in which all of its friends can rejoice.

At a time when the home of the donor was in Chicago she and her family had affiliations with Beloit and with its older residents, visiting it and them from time to time. When the Art de-

partment was founded they were introduced to it by their friend, Hon. S. T. Merrill, who early secured from Mrs. Mary Ripley Goodwin (as her name was later), from her home on Beacon street, Boston, six large oil paintings. In acknowledging these works the Curator sent Mrs. Goodwin "The Fisher Collection of Greek Casts" volume, which comes back carefully preserved, with her entire library.

It is known that other collections are bequeathed and intended for the Beloit College Art Hall, which emphasizes anew the long felt need of a new Art Hall, now an imperative necessity.

THE LIBRARY.

(Professor Deane, Librarian.)

The present number of books in the Library is 47,137 bound volumes and 29,312 pamphlets. During the past year there have been added from all sources 2,144 bound volumes and 3,088 pamphlets. Among our more notable additions have been several sets of the works of early American political writers which are invaluable for research in history and political science. We have withdrawn 403 volumes, mainly antiquated and unused works of reference.

The circulation has been as follows: Books, 8,742; bound periodicals, 319; current periodicals, 1,974; pamphlets, 211. The total, 11,246, is slightly lower than last year. This is probably a temporary variation due to the use of different methods in certain courses.

We have re-checked and completed this year an inventory begun some time ago. Such an inventory should be made rapidly at least every other year. The growth of the Library and its increasing use makes the completion of our card catalogue very desirable. In order to complete the catalogue we should need to employ for a time a trained cataloguer in addition to our present force.

In accordance with a recommendation of the Library Committee a reading room on the second floor has been set apart for the exclusive use of the Senior class. This privilege has been well

received by the class, and has relieved in a measure the crowded condition of the general reading rooms.

The Library has a large collection of American and foreign coins which has never been put on exhibition. Provision should be made, if possible, for its display in suitable cases. Two or three cases in the gallery on the second floor would enable us to show different groups or series of coins in succession through the year.

A special report on the urgent necessity of additional book-stacks was presented to the Board of Trustees in April. It is earnestly hoped that the main stacks may be completed in the near future. The present crowding of the shelves increases the expense of administration, injures the books, and seriously interferes with the full use of the Library.

THE LOGAN MUSEUMS.

(Ira M. Buell, Curator.)

THE ARCHAEOLOGICAL MUSEUM.

The allotment of the whole floor space in Memorial Hall to the Archæological collections has given room for the display of the entire collection and permitted such arrangement as will make it most available for study. Ten new cases placed on the second floor have afforded space for the material hitherto kept in storage and these now contain about 30,000 arrow and spear points, about 800 grooved axes, as many celts and chipped flints and the overflow from the display of stone artifacts from the room below. It has also given relief to the overcrowded condition of the main room, by removal of the material piled on floor and tops of cases.

In the lower room something has been done in the rearrangement and classification of the material, preparatory to the carrying out of a system of labeling; this work has been carried forward through about half of the cases.

A set of narrow tables has been placed beneath the wall cases in this room and all of the heavy stone and clay artificats have been raised from the floor and the plaster casts placed over the wall cases, adding much to the appearance of the room. The hall case of basketry has also been rearranged and additions made to its contents.

There is still room for more cases in the upper room to contain material yet in storage in Pearsons Hall and to relieve the overcrowding in some of the other cases. I would suggest adding four wall cases like those in the room below and two more floor cases for this room, and the removal of a tall case from Pearsons Hall to this building for some of the larger objects yet to be added.

Following the complete rearrangement of the material in this building, will come the labeling, cataloging and making exchange lists, whereby the surplus material in certain lines may be used to supply us with new material. This work is continuous and is a necessary part of the upkeep of the plant.

The complete assembling of the Archæological material in this building has revealed a richness and value that was before unrealized. We have over 1,100 grooved stone axes, as many ground celts and large flints, about 1,000 artifacts of copper, and 30,000 arrow and spear points. When we add to these the great mass of stone ornaments and utensils, we may justly claim pre-eminence in the possession of these memorials of primitive and pre-historic peoples.

THE GEOLOGICAL MUSEUM.

The initial steps toward the establishment of a separate Geological Museum were taken last year by Mr. Logan through alterations and additions to the equipment of the Geological department in Pearsons Hall. By this means the great mass of material, collected through sixty years of the life of the College and kept in closets and drawers for class use, is being classified and arranged in open cases for general inspection. Six glass cases, similar to those in the other museum, have been filled with fossils arranged in historical and biological series, while the duplicate material similarly arranged has been placed in the wall cases previously used, to be kept and used in exchange.

This rearrangement and classification has been, even to those most familiar with the resources of the College, a revelation of its wealth of illustrative material.

The two collections that came to the College from California

last year, though unique in the fact that they are thus far the only representatives of the rich fauna of their respective formations that have ever been brought out of the state, are here matched by half a score of as valuable collections, which have come to the College from other parts of the world in the past.

This collection is especially rich in its representations of palæozoic life in our own state, and of equivalent formations in New York, Pennsylvania, Ohio, Indiana, Illinois and Iowa. It also includes a large collection of fossils from the coal mines, two very complete collections of European fossils and fine representative collections of plant and animal forms from the Middle West.

Several thousand species of fossils are here arranged in series, and between two and three hundred thousand specimens remain in the exchange list.

The classification of the fossil material is nearing completion; but by far the greater bulk of the Geological material, namely the ores and lithologic material, has not been reached. This is practically in storage on tables, shelves and in closets in the attic and on floors and shelves elsewhere. Much of this material is very valuable and most of it can be made use of when made accessible. The vacating of the rooms over the Geology department would afford ample space for the arrangement of this and the Natural History Collections now scattered over the building. To provide for this about as many more cases as were put in last year could be made use of. It would add much to the appearance of the rooms if all of the material now on the floors could be set on shelves. A shelf convenient for the placing of the fossil slabs in the Geological Museum could be placed at the level of the window sills on three sides of this room and hold all of these pieces.

The amount of work that might be done to advantage in the care and upkeep of the museum is far more than one may accomplish, and is of course a continuous service. This follows a definite order in which the first step, pursued this year, is the classification and arrangement of material; the second, a system of labeling by which some knowledge of the material may be available to the public; third, a complete cataloguing of material for reference and preservation, and last, the use of duplicate

material for exchange. Some clerical help would be an aid during the coming year.

The value of these collections to the College can hardly be estimated, for much of the material could not be replaced. Some idea of its initial cost may be gained when we consider the years of service given by the original collectors, which may be shown to aggregate over a century. This covers the item of labor alone, while many of these have added expense equal to the value of their labor. The aggregate of labor and expense in winning this mass of material for Beloit can hardly fall short of a quarter of a million dollars. As a part of the plant it demands such utilization as will bring an adequate return for the original outlay.

TREASURER'S STATEMENT

of Condition
Oct. 1, 1912.

ASSETS.

BILLS RECEIVABLE	438,284.88
BONDS	329,000 00
STOCKS (All Gifts or Bequests)	64,951.00
REAL ESTATE (not in Plant)	334,200.00
PLANT (Buildings, Equipment and Grounds) ..	651,900.00
CASH ON HAND (Investment Funds)	28,252.18
Total.....	<u>1,846,588.06</u>

LIABILITIES.

ENDOWMENT	
(Including Funds given for Plant)	1,843,233.87
GENERAL FUND	3,354.19
Total.....	<u>1,846,588.06</u>

Memoranda from "Annual Report"
for Fiscal Year
June 1, 1911, to May 31, 1912.

Total Income for year was \$105,847.41; of this amount \$84,194.83 was GENERAL "INCOME" available for any Current Expense, the balance passing to the credit of Sundry SPECIAL Fund Accounts and becoming available for corresponding specific uses only. GENERAL "EXPENSE" totaled \$83,877.92—the year's work thus showing a GAIN IN CURRENT FUNDS of \$316.91. In Special Accounts a net gain of \$1,557.75 is also shown.

Of the \$651,900 in "Plant" the *Educational Buildings*, together with their Equipment, and the *Grounds* (in total \$524,500) yield no Income. The College Dormitories and Residences produce a small net income, approximately 3% —"Real Estate" Investments about 5.80%—Bonds 5% and "Bills Receivable" (Notes and Mortgages) 6%.

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